

Acetonitrile
HPLC
For Use in Liquid Chromatography and Spectrophotometry



Material No.: 9152-80
Batch No.: 0000066750
Manufactured Date: 2013/12/30
Retest Date: 2018/12/29

Certificate of Analysis

Test	Specification	Result
Ultraviolet Absorbance (1.00-cm cell vs. water) – 400–254 nm	<= 0.0050	< 0.0050
Ultraviolet Absorbance (1.00-cm cell vs. water) – 220 nm	<= 0.0100	0.0100
Ultraviolet Absorbance (1.00-cm cell vs. water) – 200 nm	<= 0.0500	0.0300
Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm	<= 190	< 190
Gradient Elution Test (a.u.) – 254 nm	<= 0.0050	< 0.0010
Gradient Elution Test (a.u.) – 210 nm	<= 0.0050	< 0.0010
Density (g/mL) at 25°C	0.775 – 0.780	0.778
Fluorescence Trace Impurities, measured as Quinine Base – at 450 nm Emission	<= 0.30 ppb	< 0.10
Fluorescence Trace Impurities, measured as Quinine Base – at Emission Maximum for Impurities	<= 1.0 ppb	0.2
Assay (CH ₃ CN) (by GC)	>= 99.9 %	100.0
Appearance	Passes Test	PT
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0000 ppm	0.9000
Titration Acid (μeq/g)	<= 0.8	0.1
Titration Base (μeq/g)	<= 0.600	< 0.100
Water (by KF, coulometric)	<= 100 ppm	68
Carbonyl Compounds (as Acetone)	<= 25.0 ppb	< 25.0

For Laboratory, Research or Manufacturing Use

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Country of Origin: CN



Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

A handwritten signature in white ink on a blue background, reading "Richard M Siberski".

Richard M Siberski
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
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